

watershed focus

New Jersey Department of Environmental Protection · Division of Watershed Management

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DEP WINS LEGAL CHALLENGE TO STORMWATER REGULATIONS

Department of Environmental Protection Commissioner Lisa P. Jackson applauded a New Jersey appeals court ruling announced in April that upheld the DEP's authority to adopt comprehensive stormwater rules requiring 300-foot buffers to protect high-quality waters from the dangers of development.

"The court ruling represents a tremendous victory for New Jersey in our ongoing fight to protect the quality and quantity of our water resources. Clean, safe and abundant drinking water supplies are something we cannot afford to take for granted," Commissioner Jackson said. "New Jersey's stormwater rules are considered the nations most protective largely because they require 300-foot vegetated buffers along Category One waterways to help filter pollutants and safeguard the quality of these waters."

In the 24-page decision by the Appellate Division of New Jersey Superior Court, the three-judge panel rejected the New Jersey Builders Associations argument the DEP

(STORMWATER REGULATIONS continued on page 2)



AmeriCorps New Jersey Watershed Ambassadors Celebrate Youth Service Day in Linwood by labeling stormdrains and planting a butterfly garden. Find out more about this event on page 11.

watershed focus

is a publication concentrating on watershed management, stormwater and nonpoint source pollution management issues in New Jersey. Send comments and subscription requests to:


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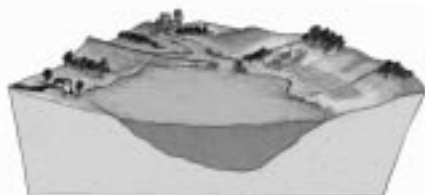
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what's a watershed?

A watershed is the area of land that drains into a body of water such as a river, lake, stream or bay. It is separated from other systems by high points in the area such as hills or slopes. It includes not only the waterway itself but also the entire land area that drains to it. For example, the watershed of a lake would include not only the streams entering the lake but also the land area that drains into those streams and eventually the lake. Drainage basins generally refer to large watersheds that encompass the watersheds of many smaller rivers and streams.

STORMWATER REGULATIONS

(*STORMWATER REGULATIONS continued from page 1*)

lacked the statutory authority to promulgate the stormwater rules. Also, it noted that the association mischaracterized these buffers as no build zones.

"This ruling by the Appellate Division affirms DEP's broad authority to protect water quality in New Jersey, as well as the need to preserve the remaining pristine waters throughout the state for future generations," said Attorney General Zulima V. Farber. "The court recognized the close correlation between water quality and the way that land is used along the banks of our sensitive waterways."

The DEP has applied Category One status, the states highest level of water protection, to 10,219 acres of reservoirs and 3,855 river miles.

"It is particularly gratifying that the court has acknowledged that without these tough stormwater regulations, developers and industry would continue building right on top of sensitive streams and reservoirs that provide drinking water to millions of residents," Commissioner Jackson said.

The DEP adopted the new stormwater management rules in February 2004 - the first major update of the regulations in 20 years. Soon after the regulations were adopted, the New Jersey Builders Association took legal action.

"Protecting the quality and quantity of our water supplies no only is essential to our environment and our quality of life, but also is critical to the stability of our economy," Commissioner Jackson said.

For more information on New Jersey's stormwater programs, visit www.njstormwater.org



ANNOUNCING LAKE CHARACTERIZATION

Request for Proposals

The DEP Division of Watershed Management, through its contract with the New Jersey EcoComplex of Rutgers University, is pleased to announce a Request for Proposals for lake characterizations to be completed for eutrophic lakes for which a Total Maximum Daily Load has been approved by the United States Environmental Protection Agency.

The pollutant of concern for the eutrophic lake TMDLs that are the subject of this RfP is phosphorus. Phosphorus is an essential nutrient for plants and algae but is considered a pollutant when it stimulates excessive plant and algae growth (primary production) and then depletes oxygen levels in the lake as the plants decay. This eutrophic process reduces the overall ecologic health of the ecosystem and raises the potential for the death of fish in the lake as a result of oxygen depletion.

A TMDL is developed to identify all the sources of a pollutant of concern for which surface water quality standards are not being met and set pollutant load reductions needed to attain those standards. TMDLs are required, under Section 303(d)

of the federal Clean Water Act, to be developed for waterbodies that cannot meet surface water quality standards after the implementation of technology-based effluent limitations.

TMDLs are established based on best available information. Nevertheless, for many of the lakes, the TMDLs have identified the need to update loading information. In some cases, the TMDLs also detail the need to establish contributions for factors such as internal load and septic systems, which are prerequisite to developing future lake restoration plans.

Approximately \$560,000 in funding will be made available to perform Lake Characterization Studies. The RfP shall include the list of eligible lakes for which a TMDL has been completed, proposal content, format and deadline for submittal. The Lake Characterization Request for Proposals will be formally announced Spring 2006 on the Division's web page at www.nj.gov/dep/watershedmgt and through the New Jersey Register. A copy of all of the Division's TMDLs may also currently be downloaded from this web site.



The Cooperative Coastal Monitoring Program:

Keeping Beaches Clean Since 1974

By VIRGINIA LOFTIN, NJDEP Cooperative Coastal Monitoring Program

Begun in 1974, the Cooperative Coastal Monitoring Program works to ensure that New Jersey's beaches and coastal waters are safe and clean for tourists and residents for the summer bathing season. This multi-faceted program involves not only regular sampling for bacteria but also shoreline clean-ups and long range planning to protect water quality for bathing beaches. After thirty years of operation, this successful program continues to protect the health of NJ's beach-goers.



Beach Monitoring

The CCMP is a cooperative program between the Department of Environmental Protection, the Department of Health and Senior Services and local environmental health agencies to evaluate the quality of the nearshore coastal waters and bathing beaches. From mid-May to mid-September, local environmental health agencies conduct weekly sampling for enterococci bacteria concentrations at 186 ocean beach and 139 bay beach monitoring stations. These bacteria are indicators of fecal contamination from various sources. When repeat sampling shows that bacteria levels exceed standards, the affected beaches are closed for swimming in order to protect public health.

Beach conditions, beach closings and the reasons for closings are posted on the DEP web page at www.njbeaches.org and on the DEP Sandline at 800-648-SAND. Closings are also posted with signs at the beach. Daily updates to this page will begin on Monday, May 22, 2006.

Sewage Treatment Inspections

Through the CCMP, the DEP inspects the 17 coastal sewage treatment facilities and monitors their permitted discharges

to coastal waters. The goal of this coastal monitoring program is to prevent exceedences of the state Water Quality Standards, and thereby improve water quality and prevent beach closings.

Aerial Surveillance

During the summer season, the CCMP conducts aerial surveillance of nearshore coastal waters six days per week. This surveillance enables the evaluation of coastal water quality and the assessment of the nature and extent of public reports of ocean pollution. These flights survey the Atlantic Coast from Raritan Bay to Cape May Point. The aircraft and pilots are provided by the New Jersey Forest Fire Service.

Floatables

As part of the NY/NJ Harbor Estuary Program Floatables Action Plan, the DEP coordinates flight activities and the United States Army Corps of Engineers' efforts to capture floating solid waste and debris, also known as floatables, with water-skimming vessels. Sources of floatables that have affected the state's coastal shores include stormwater outfalls, combined sewer overflows, operational landfills and illegal dump sites. Surveillance flights continue to record a decrease



During the summer season, the CCMP conducts aerial surveillance of nearshore coastal waters six days per week.

in the quantity of floatables in coastal waterways compared to the years prior to 1990. The sustained activities of the United States Army Corps of Engineers and the DEP's Clean Shores Program have contributed to this decrease.

Coastal Management Strategies

The DEP and local health agencies use the CCMP data to develop coastal management strategies such as watershed management planning to control nonpoint sources of pollution and reduce the number of beach closings. The large majority of closings for the past ten years have been related to the presence of contaminated stormwater. In cooperation with local agencies and other DEP programs, watershed management plans are being developed to reduce closings in priority areas.

Cooperating Agencies

Since 2003, the DEP has received more than \$1 million in U.S. Environmental Protection Agency BEACH (Beaches Environmental Assessment and Coastal Health) Act grants to develop and implement a beach monitoring and public notification program that is consistent with a national standard. Ninety percent of those funds have been passed through to the five coastal counties participating in the CCMP. The participating agencies are: Atlantic County Health Department, Cape May County Health Department, Middlesex County Health Department, Monmouth County Health Department and the Ocean County Health Department. Additional assistance is provided by the following agencies: Atlantic City Health Department, Long Beach Township Health Department, Long Beach Health Department, Middletown Health Department and the Northeast Monmouth Regional Health Commission.

Web-based Reporting

DEP received a separate EPA challenge grant to develop automated exchange of beach notification and monitoring data with EPA over the Exchange Network. Part of this grant allowed DEP to work with Earth911 to develop a web-based data reporting system to automate field and laboratory data reporting. Field samplers use hand-held Personal Digital Assistants to enter sample collection information as well as weather, tidal stage and any observations that may affect water quality. This information is downloaded from the PDA to an internet-based system when samples are delivered to the laboratories for analysis. Later on, laboratory managers can log on to the Internet and enter sample results directly in to the system. County and DEP program managers then review the data and approve it for posting to the web site. After approval data is automatically posted onto the public web page. The system provides for automated annual reporting of beach notification and monitoring data to EPA and is available at no cost to any interested state. It will be in full use for the 2006 summer season. DEP will be implementing the system for its State parks beaches as well.

Shore Protection License Plates

The first \$1 million in proceeds from the sales of the Shore Protection License Plates are dedicated to four of DEP's coastal programs. The Clean Shore Program may receive up to \$600,000 for its shoreline cleanup work. The CCMP may receive up to \$200,000 to fund its monitoring, surveillance and enforcement activities. Up to \$150,000 may fund grants to construct sewage pump-out facilities for marine sanitation devices at public and private marinas or boatyards. The Adopt A Beach program may receive up to \$50,000 to fund volunteer beach cleanup efforts.



The first \$1 million in proceeds from the sales of the Shore Protection License Plates are dedicated to four of DEP's coastal programs.

110 Million Pounds of Debris Removed from NJ Shoreline

By TOM HARRINGTON, NJDEP Cooperative Coastal Monitoring Program



**Inmate Crew at Work
at Sandy Hook National Park**



City of Elizabeth Before



City of Elizabeth After

In the past 16 years, the Clean Shores work crews have removed over 110 million pounds of floatable debris from 1,800 miles of cleaned and recleaned shorelines in the state. With the exception of a few isolated incidences, beach closures caused by floatable debris have been eliminated. The crews now average 5 million pounds and over 100 miles of shoreline cleaned yearly. Last year, 4.7 million pounds of debris were removed from 119 miles of shoreline. The amount of debris removed and miles of shoreline cleaned is probably the best measure of the success of the program.

Origins of the Operation Clean Shores

In response to the disastrous beach closings in the late 1980's caused by medical waste and debris washing up on ocean recreational beaches, the DEP initiated a number of programs including the "Operation Clean Shores" program to cleanup floatable debris from the state shorelines.

Initial investigations by the Department found that a significant source of wastes was an immense reservoir of wood and garbage stranded on shorelines in Raritan and Newark Bay and the surrounding NY/NJ Harbor Estuary. Work to remove the stranded debris was begun with a 3-month trial in the spring of 1989 with a workforce of inmate labor crews provided by the NJ Department of Corrections. The program was such a success that in the following year, it was decided that the cleanups would be extended to 6 months in the spring and summer on shorelines stretching from Liberty State Park to Sandy Hook National Recreation Area.

Continued Success

The cleanups are accomplished with the support of sponsoring municipalities and state and federal parks that provide assistance to the program in the form of equipment to move the debris and to up-front the cost of disposal. The program in turn reimburses each sponsor for all contracted cost related to the cleanup.

Early in the program, funding was provided through State appropriations but in 1993 the Division of Motor Vehicles began issuing the "Shore to Please" vehicle license plate with the proceeds going to fund shore protection which included the now named "Clean Shores Program." With funding secured, the program was extended year round with cleanups on tidal shorelines and estuaries statewide.

Inmate work crews now clean tidal shorelines on the Delaware River from Florence Township in Burlington County to Lower Township in Cape May County and on NY/NJ Harbor Estuary and the Atlantic Coast shorelines from Jersey City in Hudson County to Middle Township in Cape May County. The program has over 60 municipal, state and federal sponsors who receive the special attention of inmate work crews several times a year.

New Jersey Watershed Ambassadors Honor Martin Luther King, Jr. at the Rescue Mission in Newark

By GINA MONGIELLO, NJ Watershed Ambassador for WMA 14

During his lifetime, Dr. Martin Luther King, Jr. sought to forge the common ground on which people from all walks of life could join together to address important community issues. Working alongside individuals of all ages, races and backgrounds, Dr. King encouraged Americans to come together to strengthen communities, alleviate poverty and acknowledge dignity and respect for all human beings. Service, he realized, was the great equalizer.

As the Watershed Ambassadors members set out to volunteer at the Goodwill Rescue Mission in Newark on Jan. 16, they surely had Martin Luther King, Jr.'s concept of community service in mind. All 20 members plus Program Manager Michelle Ruggiero, Supervisor Kyra Hoffmann, and one determined non-member came together to give to those in need. Each volunteer was there in good spirit, eager to help the Mission.

Kitchen and Thrift Shop Duty

The day of service was made possible with the help of Goodwill Rescue Mission's volunteer coordinator Veronica Horne. Her peaceful, caring nature was seen throughout the day. She knows just what Goodwill Rescue Mission members are in need of and just how to deliver it. Horne was quick to welcome the Ambassadors, assigning half to kitchen duty and half to thrift shop duty.

The Ambassadors in the kitchen got to experience a sense of immediate giving and an immediate receiving of

appreciation. "This is definitely the most fun I've ever had doing community service. The people that work in the kitchen are amazingly gracious and so warm," said Ambassador Elizabeth Crawford.

"You can see right away the good impact you're making on somebody's life," said Ambassador Tony Geiger, as he enjoyed the kitchen experience.

On the other hand, the thrift shop workers needed to remain in big picture mode. Much was accomplished within the thrift store through sorting, arranging, folding and packaging, but there was no instant feedback on these services.

Reflections on MLK Day

While the Martin Luther King, Jr. Day preparations began weeks before Jan. 16 with a clothing and personal needs donation drive held at the DEP building in Trenton and other locations, it ended with a gathering of the



Together, they honored King's legacy of tolerance, peace, and equality by meeting community needs and making the holiday "A day ON, not a day OFF."





Ambassadors to reflect upon the achievements and words of Martin Luther King, Jr. They shared meaningful quotes and their personal thoughts on the day with the group. Doug Jay, who smiled as he worked in the kitchen frying hot dogs and passing out fruit, felt gratitude for his fortunes as well as compassion for those who deserve just as much as he, but walk away with less. Each of the volunteers surely left feeling good about their individual contribution to the Goodwill Rescue Mission in honor of Martin Luther King, Jr.

"The Ambassadors got deep into the needs of the community," said Horne, in appreciation of the Ambassador's efforts. The kitchen staff felt like they got the day off and the thrift store saw great change. "You all were a helping hand, not a lazy hand, not a hanging down by your side hand - but a real helping hand," said Horne.

A Day ON, Not a Day OFF

As part of the family of National Service and Community Service Programs, the NJ Watershed Ambassadors AmeriCorps Program participates in several national service days, including Martin Luther King, Jr. Day. These annual events highlight the community service that AmeriCorps members participate in everyday. Hundreds of thousands of Americans remembered and memorialized Dr. King by participating in service projects in their communities. Together, they honored King's legacy of tolerance, peace, and equality by meeting community needs and making the holiday "A day ON, not a day OFF."

The Goodwill Rescue Mission of Newark which clothes, houses and feeds thousands of humans a year started with horse drawn wagon collections in the early 1900's and has since carried with it a goal of loving and caring for the community. The mission also provides education and training for those in need in the Newark community.

By LAUREN STEBBINS, NJ Watershed Ambassador for WMA 15

The AmeriCorps New Jersey Watershed Ambassadors treated first grade students at the Seaview Avenue School in Linwood to a special science lesson on April 11. As part of the day, 100 first graders not only learned about watersheds from the Ambassadors, but also helped label stormdrains around their school and planted a butterfly garden on school grounds using native perennial plants. These activities were made possible through generous donations by the City of Linwood and Grasso Landscaping.

Youth Service Day is part of a statewide effort to bring awareness to young people about their community. Ambassadors taught the students about watersheds and gave them hands-on opportunities to improve their environment and community as part of a Youth Service Day event.

Through this day of learning and service, the students discovered how their own community and the natural environment affect one



Watershed Ambassadors Involve Students to Celebrate Youth Service Day

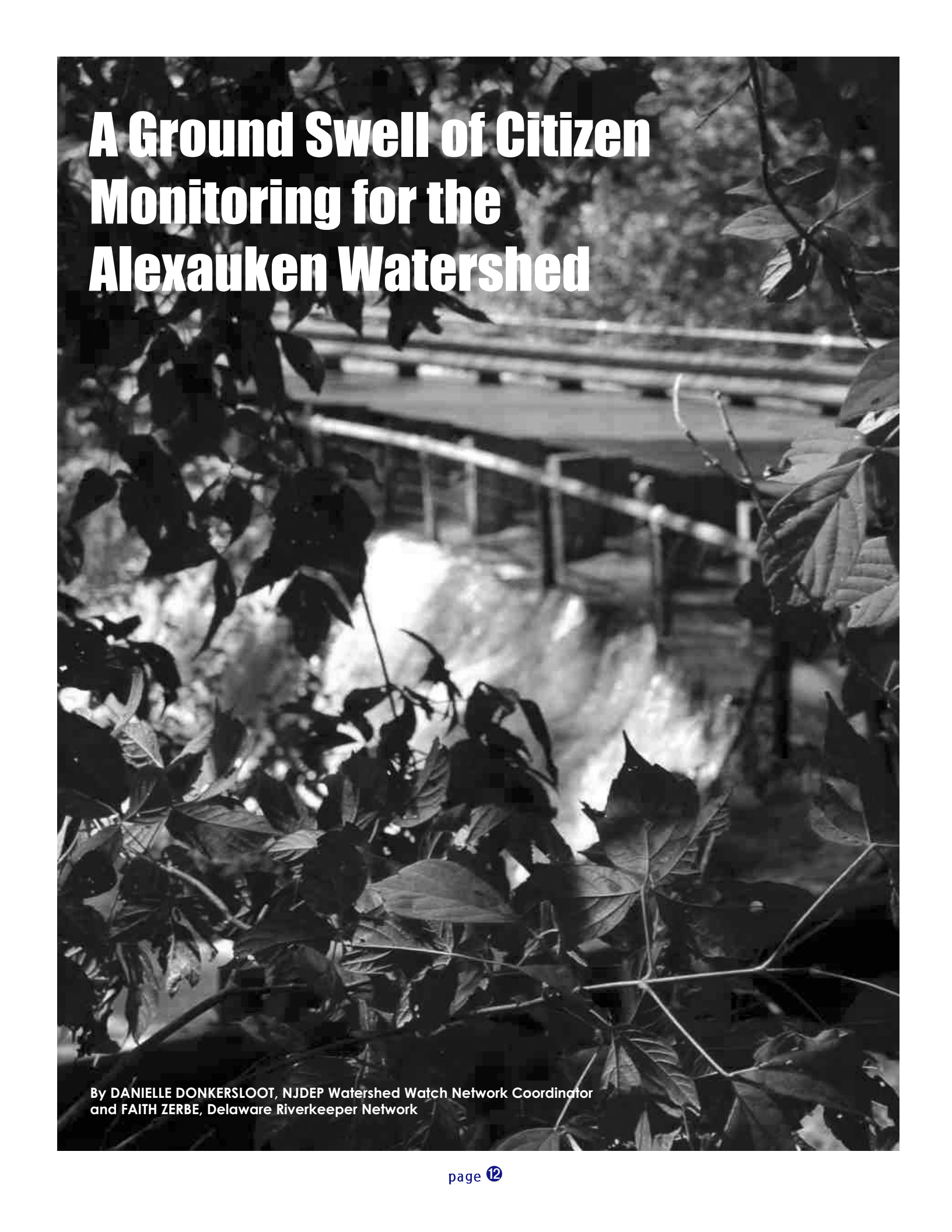
{ a day of *Service* }



another and how they could be better stewards of the earth and their community. The children also can look forward to enjoying the fruits of their labor with the arrival of the butterflies to their garden later in the spring.

“Both the children and teachers had fun while learning about their local watershed and the environment, contributing to the success of the day,” said Michelle Ruggiero, Program Manager.

The AmeriCorps New Jersey Watershed Ambassadors Program is now in its sixth year. The members offer community education on watershed-related issues, conduct stream monitoring and train community members to become active participants in their own watershed through volunteer monitoring training and community stewardship projects. For more information, contact Michelle Ruggiero at (609) 292-2113.



A Ground Swell of Citizen Monitoring for the Alexauken Watershed

By DANIELLE DONKERSLOOT, NJDEP Watershed Watch Network Coordinator
and FAITH ZERBE, Delaware Riverkeeper Network

“We are excited to be working with residents to document conditions along the Alexauken Creek and have had a very good response from local citizens who have stepped up to volunteer for the assessment.”

The Alexauken Creek is at a critical stage. Available data suggests that the creek’s water quality and ecological integrity may have begun to decline even though this stream is designated as a Category One water, the highest water quality designation afforded to streams in New Jersey. As part of the development of a watershed protection plan, community residents and officials are conducting a visual assessment of the entire Alexauken Creek watershed.

“We are excited to be working with residents to document conditions along the Alexauken Creek and have had a very good response from local citizens who have stepped up to volunteer for the assessment,” said Catherine Urbanski, Chairperson of the West Amwell Environmental Commission.

In February and March, over 60 volunteers attended training sessions conducted by the Delaware Riverkeeper Network. They learned how to examine riparian buffer quality, document pollution inputs and areas of significant erosion, take photos and GPS coordinates, assess stream conditions and identify unmapped headwater tributaries. The volunteers included local environmental commission members, streamside landowners, farmers and concerned citizens. Volunteer teams left the training with maps, datasheets, cameras and GPS units to assess an assigned one-mile segment of the Alexauken Creek. They adopted all segments of the stream.

“The tremendous support from local townships, environmental commissions and local citizens and landowners is a great sign that the plan will be put to good use and we anticipate a bright future for this beautiful Hunterdon County stream,” said Faith Zerbe, Monitoring Coordinator for the Delaware Riverkeeper Network.

Volunteer data has already been submitted to Delaware Riverkeeper Network to assist in the first phase of identifying locations for chemical monitoring, biological monitoring and other information. This data will be summarized to create a thorough watershed protection plan. Local partners and township officials are developing the plan with a grant from the DEP 319(h) Program. The visual assessment program is part of the first stage in the development of the watershed protection plan.

The Alexauken Creek flows into the Delaware River at Lambertville (Hunterdon County). Its 45 square mile watershed encompasses areas of Delaware, East Amwell and West Amwell Townships.

WATERSHED EDUCATORS CONFERENCE

JUNE 27 & 28

By KYRA HOFFMANN,
NJDEP Division of Watershed Management

The “Making the Watershed Connection - An Interactive Conference for New Jersey Educators” will be held on Tuesday, June 27 and Wednesday, June 28 at the Meadowlands Environment Center in Lyndhurst, Bergen County.

The Watershed Partnership for New Jersey, Watershed Watch Network and the New Jersey Department of Environmental Protection invite you to this third annual two-day interactive conference for educators. Sessions will explore New Jersey’s dynamic watersheds and connect educators with regional resources, curriculum materials and more. Tracks for this conference will focus on watersheds as teaching tools beyond science, actions projects, resources for northeastern New Jersey and water monitoring programs. Field trips on the second day will allow you to discover the beauty and complexities of your watershed via boat, canoe, nature centers and water monitoring. Learn about more ways to teach our future leaders about earth’s most precious resource - water.

Our keynote speaker is Angela Cristini, from Ramapo College and the NJ Meadowlands Commission. She will discuss watershed education’s role in watershed protection.

Professional development credits are available. Cost for both days is \$45 including materials and refreshments. Please register through Cook College Office of Continuing Professional Education at <http://aesop.rutgers.edu/~ocpe/> or (732) 932-9271.

For more information visit www.nj.gov/dep/watershedmgt

Making the Watershed Connection:

An Interactive Conference for New Jersey Educators

A sampling of workshops:

- A Virtual Tour of the Passaic, Pompton and Pequannock Rivers
- Hackensack Riverkeeper Water Quality Monitoring Program
- Downstream: An Outdoor Watershed Game
- Assistive Computer Technology for Students with Disabilities
- Connecting Students with the Environment through Project Learning Tree
- Storm Drain Surveys
- Using Macroinvertebrates as Indicators of Water Quality
- Watershed Clean-ups
- World Water Monitoring Day
- Fishing for Answers
- Rain Gardens for Wildlife and Watersheds
- NJ Watersheds 101
- Ripples - Harvesting Poems from Encounters with Waterways

Field Trips to Choose From:

- Palisades: A Look at Life on the Edge
- Exploring the Meadowlands by Canoe
- Exploring the Harbor Estuary and Urban Fishing Program with the Hackensack Riverkeeper
- Healthy Water, Healthy People Workshop at Liberty State Park
- Exploring Northeast Nature Centers at Flat Rock Brook and Tenafly

Partners and Presenters

- Watershed Partnership for New Jersey
- NJ Meadowlands Commission Environment Center
- Hackensack Riverkeeper
- Passaic River Coalition
- Pequannock River Coalition
- Great Swamp Watershed Association
- Palisades Interstate Park
- Stony Brook-Millstone Watershed Association
- South Branch Watershed Association
- New Jersey Department of Environmental Protection
 - Division of Fish and Wildlife
 - Division of Parks and Forestry
 - Division of Science, Research and Technology
 - Division of Watershed Management
 - NJ Geological Survey
 - Office of Communications

Upcoming Training & Professional Enrichment Opportunities

As part of the Division of Watershed Management's continuing efforts to provide training opportunities in the fields of watershed management, stormwater and other water related issues, the following calendar includes dates for these events:

May

May 6

Southern Regional Visual and Biological Training

Where: Pinelands Preservation Alliance (Bishop Farmstead)

Time: 10:00 am - 1:00 pm

Cost: Free

Contact: TJ Moore, WMA 14 Watershed Ambassador, at (609) 294-8597 or email moore@marine.rutgers.edu

May 13

WOW! Wonders of Wetlands Workshop

Where: Pyramid Mountain Natural Historic Area, Boonton, NJ

Time: 9:30 am - 3:00 pm

Cost: Free - includes breakfast, lunch and the WOW! Educator's Guide

Course Code: EW0504CC06

Contact: Rutgers University Cooperative Extension at (732) 932-9271

May 18

Healthy Water, Healthy People Workshop

Where: Manasquan Reservoir Environmental Center, Howell, NJ

Time: 9:00 am - 3:00 pm

Cost: \$35 - includes a light refreshment, the HWHP Educator's Guide and the HWHP Test Kit Manual
Contact: (732) 842-4000 ext. 1

May 20

2nd Annual Passaic River Paddle Relay

Where: Starts at Nereid Boat Club in Rutherford, ends at Riverbank Park in Newark

Time: 9:00 am relay; 11:00 am festival

Cost: \$10 per paddler

Contact: (973) 817-5735 or visit www.wma4.org

June

June 3

First Ever Rancocas Creek Watershed Festival

Where: Burlington County College

Time: 12:00 noon - 4:00 pm

Contact: Melanie or Sonal at (609) 859-8860 ext. 17 or email Rancocas@bigfoot.com

June 14, 15 & 16

Stream Restoration and Protection in the Mid-Atlantic Region: Annual Conference of the Mid-Atlantic Sections of the American Water Resources Association

Where: Montclair State University's New Jersey School of Conservation, Branchville, NJ

Cost: \$185

Contact: New Jersey American Water Resources Association at http://awra.org/state/new_jersey/mac2006/

June 27 & 28

Making the Watershed Connection: An Interactive Conference for New Jersey Educators

Where: Meadowlands Environment Center, Lyndhurst, NJ

Course Code: EW0320HB07

Contact: Cook College Office of Continuing Professional Education at (732) 932-9271 or check out their web site at www.cookce.rutgers.edu

October

October 13

2nd Passaic River Symposium

Where: Montclair State University, Montclair, NJ

Time: 9:00 am - 3:00 pm

Contact: Dr. Kirk Barrett at (973) 655-7117 or kirk.barrett@montclair.edu or Lisa A. Baron at (609) 530-4779 or lisa.baron@dot.state.nj.us or visit www.csam.montclair.edu/pri/symposium2006

November

November 2 & 3

New Jersey's Volunteer Monitoring Summit

Where: Monmouth County

Contact: Danielle Donkersloot, Watershed Watch Network at (609) 292-2113 or visit www.nj.gov/dep/watershedmgt



The Lower Passaic & Saddle River Alliance, in partnership with the Essex County Department of Parks, Recreation and Cultural Affairs, the Ironbound Community Corporation, SPARK Friends of Riverbank Park and the Passaic Valley Sewerage Commissioners, is pleased to announce the 2nd Annual Passaic River Paddle Relay!

On Saturday, May 20, 2006, at 9:00 am, paddlers will embark on an 8-mile course starting at the Nereid Boat Club in

Rutherford and ending at Riverbank Park in Newark. There will be both a relay race with teams of 6 paddlers and an individual kayak portion. Please come and join us at the finish line at Riverbank Park for a Watershed Festival starting at 11:00 am with educational activities from Project WET, interactive displays, face painting, music and refreshments. Prizes will be given to top finishers.

For more information visit www.wma4.org

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Lisa P. Jackson, Commissioner
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